

WHAT IS CLAIMED IS:

1. An information processing device comprising:

storage means for storing a first data for designating a first terminal device corresponding to the host name or node identifier of the first terminal device, as well as for storing a third data showing the position of one or more provision devices for providing a second data showing the current position of the first terminal device;

receive means to receive a transmit request for the third data and the first data corresponding to the first terminal device, transmitted along with the host name or node identifier of the first terminal device from the second terminal device;

selection means to select a first data corresponding to the first terminal device stored in the storage means and to select a third data showing the position of one more provision devices when the transmit request is received from the receive means; and

a transmit means to transmit the first data and third data selected by the selection means, to the second terminal device.

2. An information processing method for an information processing device for storing a first data for designating a first terminal device corresponding to the host name or node identifier of the first terminal device, as well as for storing

a third data showing the position of one or more provision devices for providing a second data showing the current position of the first terminal device, comprising:

a receive step to receive a transmit request for the third data and the first data corresponding to the first terminal device, transmitted along with the host name or node identifier of the first terminal device from the second terminal device;

a selection step to select a first data corresponding to the first terminal device stored in the storage means and to select a third data showing the position of one more provision devices when the transmit request is received from the receive means; and

a transmit step to transmit the first data and third data selected by the selection means, to the second terminal device.

3. A recording medium recorded with a computer-loadable information processing program of an information processing device for storing a first data for designating a first terminal device corresponding to the host name or node identifier of the first terminal device, as well as for storing a third data showing the position of one or more provision devices for providing a second data showing the current position of the first terminal device, comprising:

a receive step to receive a transmit request for the third data and the first data corresponding to the first terminal device, transmitted along with the host name or node identifier of the first terminal device from the second terminal device;

a selection step to select a first data corresponding to the first terminal device stored in the storage means and to select a third data showing the position of one or more provision devices when the transmit request is received from the receive means; and

a transmit step to transmit the first data and third data selected by the selection means, to the second terminal device.

4. An information processing device, comprising:

first transmit means for transmitting a transmit request for a second data showing the position of one or more first provision devices, as well as a first data designating a terminal device, to a second provision device along with the name or node identifier of the terminal device;

first receive means for receiving a second data showing the position of one or more first provision devices as well as a first data for designating the terminal device from the second terminal device;

second transmit means for transmitting a request for

transmission of a third data designating the position of the terminal device, along with a first data designating the terminal device, to any of the one or more first provision devices; and

second receive means for receiving the third data designating the position of the terminal device from any of the one or more first provision devices.

5. An information processing method comprising:

a first transmit step to transmit a request for a second data showing the position of one or more first provision devices, as well as a first data designating a terminal device, to a second provision device along with the name or node identifier of the terminal device and,

a first receive step to receive a second data showing the position of one or more first provision devices as well as first data for designating the terminal device from the second terminal device;

a second transmit step for transmitting a request for transmission of a third data designating the position of the terminal device, along with a first data designating the terminal device, to any of the one or more first provision devices; and

a second receive step for receiving the third data designating the position of the terminal device from any of

the one or more first provision devices.

6. A recording medium recorded with a computer-loadable information processing program, wherein said computer-loadable information processing program comprises:

a first transmit step to transmit a request for a second data showing the position of one or more first provision devices, as well as a first data designating a terminal device, to a second provision device along with the name or node identifier of the terminal device;

a first receive step to receive a second data showing the position of one or more first provision devices as well as first data for designating the terminal device from the second terminal device;

a second transmit step to transmit a request for transmission of a third data designating the position of the terminal device, along with a first data designating the terminal device, to any of the one or more first provision devices; and

a second receive step to receive the third data designating the position of the terminal device from any of the one or more first provision devices.

7. An information processing device which moves the connection position on the network, comprising first transmit means for transmitting to a first communication party, a first

data for designating the current position of the information processing device itself, along with a second data for designating the position prior to movement.

8. An information processing device as claimed in claim 7, further comprising second transmit means for transmitting to a second communication party, a third data for designating its own movement of said information processing device.

9. An information processing method for an information processing device to move the connection position on the network, comprising a transmit step to transmit to the other communication party, a first data for designating the current position of the information processing device itself, along with a second data for designating the position prior to movement.

10. A recording medium recorded with a computer-loadable information processing program for an information processing device to move the connection position on the network, wherein said computer-loadable information processing program comprises a transmit step to transmit to the other communication party, a first data for designating the current position of the information processing device itself, along with a second data for designating the position prior to movement.

11. An information processing device, comprising:

first receive means for receiving a first data designating a terminal device and a second data showing movement from said terminal device;

first transmit means for transmitting a request for transmission of a third data showing the position of one or more first provision devices along with the name or node identifier of said terminal device to a second provision device;

second receive means for receiving said third data showing the position of said one or more first provision devices from said second provision device;

second transmit means for transmitting a request for transmission of a fourth data designating the position of said terminal device, along with said first data designating said terminal device, to any of said one or more first provision devices; and

third receive means for receiving said fourth data designating the position of said terminal device from any of said one or more first provision devices.

12. An information processing device as claimed in claim 10, wherein said first receive means receives said first data and said second data based on connectionless-mode protocol.

13. An information processing method comprising:

first receive step of receiving a first data designating

a terminal device and a second data showing movement from said terminal device;

first transmit step of transmitting a request for transmission of a third data showing the position of one or more first provision devices along with the name or node identifier of said terminal device to a second provision device;

second receive step of receiving said third data showing the position of said one or more first provision devices from said second provision device;

second transmit step of transmitting a request for transmission of a fourth data designating the position of said terminal device, along with said first data designating said terminal device, to any of said one or more first provision devices; and

third receive step of receiving said fourth data designating the position of said terminal device from any of said one or more first provision devices.

14. A recording medium recorded with a computer-loadable information processing program, wherein said computer-loadable information processing program comprises:

first receive step of receiving a first data designating a terminal device and a second data showing movement from said



terminal device;

first transmit step of transmitting a request for transmission of a third data showing the position of one or more first provision devices along with the name or node identifier of said terminal device to a second provision device;

second receive step of receiving said third data showing the position of said one or more first provision devices from said second provision device;

second transmit step of transmitting a request for transmission of a fourth data designating the position of said terminal device, along with said first data designating said terminal device, to any of said one or more first provision devices; and

third receive step of receiving said fourth data designating the position of said terminal device from any of said one or more first provision devices.